

UNCLASSIFIED RESPONSES TO CONGRESSMAN MARKEY LETTER

<u>PAGE NUMBER/QUESTION</u>	<u>TAB</u>
Page 3 Ability of the storage vaults to withstand impact of Large aircraft or truck bomb	Classified
Page 3 Reports that force-on-force exercises at DOE Facilities designed to test	Tab 1
Page 3 Whether the Design Basis Threat for DOE facilities, Which defines the threat level	Tab1
Page 4 Q 1a - How many storage vaults or vault type rooms	Classified
Q 1b - Please describe the structures (thickness and type	Classified
Q 1c - Have assessments related to the ability of these	Classified
Q 1d - Have assessments related to the worst-case	Classified
Page 4 Q 2 - Please describe the steps taken by DOE to increase	Classified
Page 4 Q 3 - Have any of the security measures taken following	Classified
Page 4 Q 4 - Have any force-on-force exercises been conducted	Classified
Page 5&6 Q 5a - Please fully describe the nature and purpose of	Tab 2
Q 5b - Prior to September 11, please describe the measures	Tab 2
Q 5c - It is my understand that DOE classifies countries	
Q 5d - Have any of these classes been run after September 11	Tab 2
Q 5e - The press report indicates that a number of Yemeni	Tab 2
Q 5f - Do you intend to continue this course. If, so, why	Tab 2
Q 5g - Before September 11, did you consider this program	Tab 2
Q 5h - A registration form for a similar (or possibly the	Tab 2
Page 6 Q 6 - The 1998 letter sent to me by then DOE Secretary Pena	Tab 2
Page 6 Q 7 - Has Rocky Flats processed any nuclear materials on	Tab 2
Page 6 Q 8 - What is DOE's definition of "adequate" security?	Tab 2
Page 6 Q 9a - Is it true that DOE has instructed DNFSB not to	Tab 2
Q 9b - When does DOE intend to resume its release of all	Tab 2

PAGE NUMBER/QUESTION**TAB****QUESTIONS ON FORCE-ON-FORCE
EXERCISES AT DOE FACILITIES**

Tab 2

Page 6 Q 1 - Are military teams used for all DOE force-on-force

Tab 2

**FORCE-ON FORCE EXERCISES AT LOS ALAMOS
NATIONAL LABORATORY (LANL)**

Page 7-11	Q 1a – Do you agree that it was “unfair” to use the garden	Classified
	Q 1b – Could this weapons-grade uranium have been used	Tab 2
	Q 1c – What would the consequences have been to the Los	Tab 2
Page 7	Q 2a – Do you agree that it is unfair to use gaseous irritants	Classified
	Q 2b – How many other DOE force-on-force exercises	Tab 2
	Q 2c – How will you ensure that security forces at DOE	Tab 2
Page 8&9	Q 2d – Do you agree that had the mock attack that took	Tab 2
	Q 2e – I understand that this exercise was terminated at	
	Q 2f – My understanding is that DOE requires all protective	Tab 2
	Q 2g – In the event that a terrorist attack took place at a DOE	Tab 2
	Q 2h – What steps has LANL taken to ensure that the	Classified
	Q 2i – How many vaults or vault-type rooms are used to	Classified
	Q 2j – Are these vaults ever kept open during the day?	Classified
	Q 2k – Have mock “terrorists” ever locked themselves	Tab 2
Page 9	Q 2l – How many electronic lock combinations are	Classified
	Q 2m – Have additional force-on-force exercises taken	Classified
	Q 2n – When was the EIS completed? What did it say?	Tab 2
	Q 2o – Has a final decision been made on relocating	Tab 2
Page 9&10	Q 3a – The IG report concluded that the Albuquerque	Tab 2
	Q 3b – The DOE IG report concluded that the Albuquerque	Tab 2
	Q 3c – The DOE IG report concluded that documentation	Tab 2
Page 10	Q 3d – The DOE IG report concluded that about 30%	Tab 2
	Q 3e – The Albuquerque DOE management stated that	Tab 2
	Q 3f – The DOE IG report recommended that the DOE review	Tab 2
	Q 3g – The DOE IG report concluded that if the 1998 grades	Tab 2
	Q 3h – Were these security deficiencies entered into the	Tab 2

PAGE NUMBER/QUESTION**TAB****QUESTIONS ON FORCE-ON-FORCE
EXERCISES AT DOE FACILITIES – (CONTINUATION)**

Tab 3

Page 11	Q 4a – Who was appointed the survey team leader?	Tab 3
	Q 4b – Please provide copies of the inspection Plan for	Tab 3
	Q 4c – How long did the plan take to complete? How long	Tab 3
	Q 4d – Please provide copies of the inspectors' findings	Tab 3
	Q 4e – What ratings did LANL receive on the 2001 survey?	Tab 3
Page 11	Q 5a – Why was it reopened?	Classified
	Q 5b – Did DOE security officials agree with the decision	Classified
	Q 5c – How will these areas at Los Alamos be protected	Classified
	Q 5d – What is the distance between the vehicle barriers	Classified

**FORCE-ON-FORCE EXERCISES AT ROCKY FLATS,
NEAR DENVER COLORADO**

Tab 4

Page 11-14	Q 1a – If the mock “terrorist” had not chosen to leave the	Tab 4
	Q 1b – What steps have security personnel at Rocky Flats	
Page 12	Q 1c – It is my understanding that it would only take a	Tab 4
	Q 1d – Have additional force-on-force exercises been	Tab 4
Page 12	Q 2a – What steps were taken by Rocky Flats to ensure	Tab 4
	Q 2b – Have additional force-on-force exercises been conducted	Tab 4
	Q 2c – The memo stated that force-on-force exercises are judged	Tab 4
	Q 2d – Don’t you think there should be some penalty, such as a	Tab 4
Page 12-13	Q 2e – Has inappropriate use of deadly force been observed at	Tab 4
Page 13	Q 3a – According to the trip report, DOE headquarters security	Tab 4
	Q 3b – The trip report indicated that the visitors observed a truck	Tab 4
	Q 3c – The trip report also indicated that the Rocky Flats security	Tab 4
	Q 3d – The trip report also indicated that the “weapons” used to	Tab 4
Page 13&14	Q 4a – How long did it take DOE or DOE contractor security	Tab 5
	Q 4b – The security investigation that revealed this problem	Tab 5
	Q 4c – What has DOE done to ensure that the steps are	Tab 5
	Q 4d – Is there enough plutonium in this particular vault to	Tab 5

PAGE NUMBER/QUESTION**TAB****FORCE-ON-FORCE EXERCISES FOR THE
DOE TRANSPORTATION SECURITY DIVISION
(TSD)**

Tab 5

Page 14-16	Q 1a – What corrective measures have been taken to ensure	Tab 5
	Q 1b – Have additional force-on-force exercises been	Tab 5
	Q 1c – Do you agree that in the event of a real (and successful	Tab 5
Page 14&15	Q 1d – Are shipments of nuclear weapons and weapons-grade	Tab 5
Page 15	Q 1e – Are shipments of high-level nuclear waste undertaken	Tab 5
	Q 1f – Have force-on-force exercises been conducted on	Tab 5
Page 15	Q 2a – When did TSD finally respond with its comments on	Tab 5
	Q 2b – When were compensatory security measures taken by	Tab 5
	Q 2c – Please provide a copy of the 1999 DOE Report to the	Tab 5
Page 16	Q 2d – Please provide a copy of the 2000 DOE Report to the	Tab 5
	Q 2e – In general, do you believe that weaknesses in security	Tab 5
Page 16	Q 3a – Please provide copies of all reports, email and	Tab 5
	Q 3b – What actions have you taken to identify and discipline	Tab 5
	Q 3c – Has this exercise been repeated? If not, why not,	Tab 5
Page 16	Q 4 – A September 2000 report by the DOE Inspector General	Tab 5
Page 16	Q 5 – How many shipments of special nuclear material have	Tab 5

**QUESTIONS ON THE DESIGN BASIS THREAT (DBT)
FOR DOE FACILITIES (Pages 16-18)**

Tab 6

Page 16-17	Q 1 – Will the DBT for DOE facilities be changed, in light of	Tab 6
Page 17	Q 2 – If the DBT will be changed, when will the DOE sites be	Tab 6
Page 17	Q 3 – Will force-on-force exercises be conducted at each facility	Tab 6
Page 17	Q 4a – Since, following the events of September 11, we now	Classified
	Q 4b – Will the new DBT test security against an active insider	Classified

PAGE NUMBER/QUESTION**TAB****QUESTIONS ON THE DESIGN BASIS THREAT (DBT)
FOR DOE FACILITIES (Continuation) -- (Pages 16-18)**

Page 17	Q 5a – Knowledge and non-nuclear technology necessary to	Classified
	Q 5b – Knowledge and non-nuclear technology necessary to	Classified
	Q 5c – Automatic weapons	Classified
	Q 5d – Grenades	Classified
	Q 5e – Irritant gases and tactical smoke	Classified
	Q 5f – Communications disruption devices	Classified
Page 18	Q 5g – Anti-personnel and anti-vehicle explosive devices	Classified
	Q 5h – Shoulder-fired surface-to-surface rockets	Classified
Page 18	Q 6 – The unclassified version of the December 1998 DBT states	Classified
Page 18	Q 7 – The unclassified version of the December 1998 DBT does	Classified
Page 18	Q 8 – Have force-on-force exercises been conducted at all	Tab 6
Page 18	Q 9 – What will the new post-9/11 Design Base Threat	Tab 6
Page 18	Q 10 – How will DOE ensure that the size of the guard force	Tab 6

**QUESTION ON CRITICAL SYSTEMS FLAWS IN
DOE SAFEGUARDS AND SECURITY**

Page 18	Q 1a – The failure to properly characterize DOE facility	Tab 6
	Q 1b – The failure to update DOE facility security features	Tab 6
Page 19	Q 1c – The failure to utilize the ASSESS database calculations	Tab 6
	Q 1d – The failure to correct errors in the combat simulation	Tab 6
	Q 1e – The failure to include a full range of possible	Tab 6
	Q 1f – The failure to adequately model tactics likely to be	Tab 6
	Q 1g – The failure to properly account for the element of	Tab 6

**QUESTION ON AN IMPROPERLY INSTALLED
VEHICLE BARRIER AT PANTEX PLANT IN TEXAS**

Tab 7

Page 19	Q 1a – On what date was the improper installation	Classified
	Q 1b – What actions have you taken to ensure that there	Classified
	Q 1c – What have you done to ensure that future	Classified
	Q 1d – Please describe the mandatory training and	Classified

PAGE NUMBER/QUESTION**TAB****QUESTIONS ON DOE RETALIATION AGAINST WHISTLEBLOWERS (Pages 19-20)**

Tab 7

Page 19-20 Q 1a – How many formal or informal complaints of reprisal
 Q 1b – For each of these cases, please describe the

Tab 7

Tab 7

Page 20 Q 2a – The two officers raised many concerns about the
 Q 2b – On October 6, 2001, the DOE Office of Inspector
 Q 2c – Please describe the security measures taken in

QUESTIONS ON RESOURCES ALLOCATED TO ORGANIZATION OF DOE SAFEGUARD AND SECURITY (Page 20-21)

Page 20 Q 1a – For each year since 1992, and for each DOE site,
 Q 1b – For each year since 1992, and for each DOE site,

Tab 7

Tab 7

Page 21 Q 1c – For each year since 1992, and for each DOE site,
 Q 1d – In each case where the amount of money
 Q 1e – Do you believe that DOE Program Offices (such as
 Q 1f – My understanding is that Lawrence Livermore

Tab 7

Tab 7

Tab 7

Page 21 Q 2 – Who within DOE (please provide name and title)

QUESTIONS ON CYBERSECURITY AND HACKING AT LIVERMORE NATIONAL LABORATORY (Page 21-22)

Tab 8

Page 21 Q1a – The article states that the hacker downloaded
 Q 1b – The article states that the hacker installed
 Q 1c – What steps has the lab taken since the incident

Tab 8

Tab 8

Tab 8

Page 22 Q 1d – Have there been any instances of successful

Tab 8

QUESTION ON PLUTONIUM STORAGE AT WESTINGHOUSE SAVENNAH RIVER COMPANY (Page 22-23)

Tab 8

Page 22 Q 1a – What is your definition of a hardened structure?
 Q 1b – The document states that “DOE has stipulated
 Q 1c – Given the fact that Al Queda members have stated
 Q 1d – The document states that “No credible design
 Page 22-23 Q 1e – A November 21, 2001 letter from the Defense

Classified

Classified

Classified

Classified

Classified

PAGE NUMBER/QUESTION**TAB****QUESTIONS ON PLUTONIUM STORAGE AT
WESTINGHOUSE SAVANNAH RIVER COMPANY
(CONTINUATION (Pages 22-23))**

Page 23	Q 1f – The November 21, 2001 DNFSB letter states that	Tab 8
Page 23	Q 2 – Has DOE conducted a site-wide evaluation to determine	Tab 8